

Amendments to the Specification

- Please make the following amendments to the specification.

[10] The mechanical arm is provided with a base, a lower arm connected to the base via a lower, open circular pivot and an upper arm connected to the lower arm via an upper, open circular pivot. The open circular pivots serve both an aesthetic and a functional purpose. First, the open circular pivots replace the typical parallelogram linkage found in most prior art designs and show no points of connection between the arms and the pivots. Therefore, no screws, rivets or other connecting devices are shown at the pivot points. In addition, the circular pivots serve as an ~~axel~~ axle for an internal ring mechanism which is used to anchor one end of the counterbalancing springs of the lower and upper arms. Preferably, at least one end of each of the springs is anchored via a cable which is wound around the ring. This allows a more constant force to be exerted by the spring regardless of the position of the arm with respect to a horizontal reference and reduces the amount of force required by the user. Furthermore, both arms of the device are constructed of an aesthetically pleasing smooth surface which replaces the parallel linkages of the prior art designs. The smooth surface design eliminates the nooks and crannies of

the prior art designs, and therefore makes the arms easier to clean and maintain. Additionally, the internal components of the arms, such as the springs, connecting hardware and electrical cord are hidden within the arms.

- [19] Pivot points A and B are constructed of hollow axles 5 and 6 respectively, which are very strong because of their large diameter and very light weight because they are hollow. Rings 8 and 7 are disposed around hollow ~~axels~~ axles 5 and 6 respectively and are connected via cable 9, which is looped around both rings 8 and 7. Ring 8 is fixed in place by pin 10 while ring 7 is allowed to rotate around ~~axel~~ axle 6 in response to the movement of lower link 2 about pivot point A. The movement of ring 7 is effected by virtue of cable 9 wrapping around and unwrapping from ring 8 as lower link 2 is pivoted about pivot point A, with the result being that the relative position between ring 7 and a horizontal reference is maintained as lower link 2 is moved.

- [26] In a preferred embodiment links 2 and 3, ~~axels~~ axles 5 and 6 and rings 7 and 8 are made of metal, for example, aluminum, with links 2 and 3 having either a smooth, brushed or painted finish, but may alternatively be constructed of other metals or many other

materials, such as plastic. Cables 9 and 20 will typically be a standard steel cable of a type readily available in the prior art.